

105.1 Clinical Laboratory Materials (gas, liquid, and solid forms)

The following SRMs are for calibrating apparatus and validating analytical methods used in clinical and pathology laboratories. Additional information on the serum materials is given in

For further information see SP 260-36, SP 260-72 and SP 260-83

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PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	Description	Purity/Constituent (mass fraction, in %)	Unit Size
900	Antiepilepsy Drug Level Assay ethosuximide, phenobarbital, and primidone)		Set of 4 ampoules
909b	Human Serum		Set of 6 bottles
911b	Cholesterol	99.8	2 g
912a	Urea	99.9	25 g
913a	Uric Acid	99.6	10 g
914a	Creatinine	99.7	10 g
915b	Calcium Carbonate	^w CaCO ₃ 99.907 ^w Ca 40.0104 ^w CO ₃ 59.923	20 g
916a	Bilirubin	98.3	100 mg
917b	D-Glucose (Dextrose)	99.7	50 g
918a	Potassium Chloride	99.9817	30 g
919a	Sodium Chloride	99.89	30 g
920	D-Mannitol	99.8	50 g
921	Cortisol (Hydrocortisone)	98.9	1 g
*924a	Lithium Carbonate	99.867	30 g
925	VMA (4-hydroxy-3- methoxymandelic acid)	99.4	1 g
927d	Bovine Serum Albumin (7% Solution)	BSA Conc. 65.41 mg/L	Set of 10 ampoules
928	Lead Nitrate	100.00	30 g
929a	Magnesium Gluconate Dihydrate	Mg Conc. 5.362	5 g
937	Iron Metal (Clinical)	99.90	50 g
955b	Lead in Blood		Set of 4 ampoules

*956b	Electrolytes in Frozen Human Serum		Set of 6 ampoules (2 each conc)
965a	Glucose in Frozen Human Serum		Set of 8 ampoules (2 each conc)
966	Toxic Elements in Blood		Set of 4 ampoules (2 each conc)
968c	Fat-Soluble Vitamins, Carotenoids, and Cholesterol in Human Serum		Set of 2 ampoules
970	Ascorbic Acid in Frozen Human Serum		Set of 4 ampoules
998	Angiotensin I (Human)	94.1	0.5 g

1400	Bone Ash	8 elements	50 g
1486	Bone Meal	8 elements	50 g
1589a	PCBs, Pesticides, and Dioxins/Furans in Human Serum		Set of 5 bottles
1595	Tripalmitin	99.5	2 g
1598	Inorganic Constituents in Bovine Serum		Set of 2 ampoules
1599	Anticonvulsant Drug Level Assay (valproic acid and carbamazepine)		Set of 4 ampoules

1951b	Lipids in Frozen Human Serum		Set of 4 bottles
1952a	Cholesterol in Human Serum (Freeze-dried)		Set of 6 ampoules
1955	Homocysteine and Folate in Human Serum (Frozen)		Set of 3 bottles
2389	Amino Acids in HCl	17 amino acids	Set of 5 ampoules
2670a	Toxic Elements in Urine (Freeze-dried)		Set of 4 bottles
2921	Human Cardiac Troponin Complex		Set of 5 vials

Values in parentheses are not certified and are given for information only.

* Conforms to National Committee for Clinical Laboratory Standards (NCCLS) specification ACC-
